



# Crash Investigation and Reconstruction

## Florence, Kentucky

### Course Information

#### Sponsoring Agency

Florence Police Department

#### Location

The Florence Government Center  
8100 Ewing Boulevard  
Florence, Kentucky 41042

#### Contact

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#### Crash Investigation 1

February 25–March 8, 2013 | \$950

Crash Investigation 1 is based on the latest edition of J. Stannard Baker's traffic crash investigation manual, *Traffic Collision Investigation*, and provides an in-depth study of the skills needed to systematically investigate traffic crashes and recognize critical evidence at crash scenes.

#### Crash Investigation 2

March 11–22, 2013 | \$950

Crash Investigation 2, also based on the latest edition of Northwestern University Center for Public Safety's traffic crash investigation manual, *Traffic Collision Investigation*, emphasizes vehicle damage analysis and vehicle behavior in crashes.

#### Vehicle Dynamics

September 23–27, 2013 | \$775

Vehicle Dynamics covers the dynamics relating to motor vehicle crashes and the classical mechanics equations of motion. The relationship of drag factor, coefficient of friction and acceleration are presented. Students are introduced to the methodology used to estimate vehicle speeds based on flips, vaults and sideslip. Students are also taught the differences between force, momentum and energy and how each applies to crash investigation and reconstruction.

#### Traffic Crash Reconstruction 1

September 30–October 11, 2013 | \$1050

Traffic Crash Reconstruction 1 is based on the greatly expanded 2010 edition of *Traffic Crash Reconstruction* by Lynn B. Fricke. Students learn the skills necessary to determine how a crash occurred and how to describe the crash in as much detail as possible. Lectures, course materials and the analysis of real-world case studies provide the training needed to successfully reconstruct traffic crashes.

#### Traffic Crash Reconstruction 2

October 14–18, 2013 | \$850

Traffic Crash Reconstruction 2 further explores the methods for reconstructing traffic crashes and also uses the 2010 edition of *Traffic Crash Reconstruction*, by Lynn B. Fricke, as a text. The course provides additional training on how to reconstruct traffic crashes and gives students the opportunity to analyze real-world case studies that provide examples of more complex cases than those studied in Traffic Crash Reconstruction 1.



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